



PATENT  
Attorney Docket No.: FAIR-07500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Ara Bicakci

Patent No. 6,741,289 B1  
Serial No.: 09/703,517

Issue Date: May 25, 2004  
Filed: October 31, 2000

For: **A TECHNIQUE TO STABILIZE  
THE CHROMINANCE  
SUBCARRIER GENERATION IN A  
LINE-LOCKED DIGITAL VIDEO  
SYSTEM**

) Group Art Unit: 2611  
) Examiner: Victor R. Kostak  
**TRANSMITTAL LETTER**  
) 162 North Wolfe Road  
Sunnyvale, California 94086  
(408) 530-9700  
) Customer Number 28960

Attn: Decision and Certificate of Correction  
Branch of the Patent Issue Division

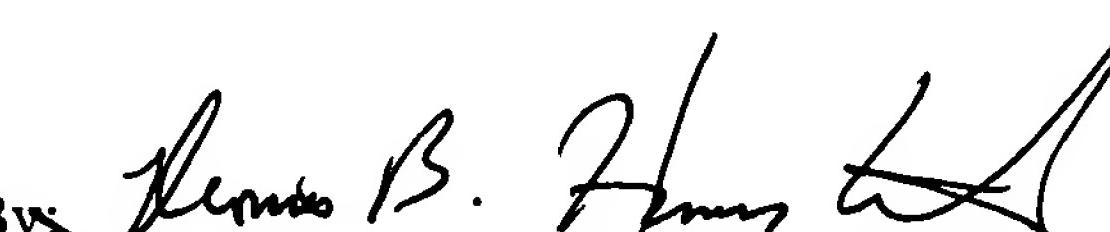
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Sir:

Enclosed please find a Second Request for Certificate of Correction of Patent for Applicant Mistake Under 37 § CFR 1.323 for filing with the U.S. Patent and Trademark Office. Also attached in duplicate is Form PTO-1050 and a copy of a Notification of Return of Papers.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

By:   
Thomas B. Haverstock  
Reg. No.: 32,571

Dated: August 16, 2004

Attorneys for Applicant

CERTIFICATE OF MAILING (37 CFR§ 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

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HAVERSTOCK & OWENS LLP.

Date: 8-16-04 By: Jean A. Russel

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**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,741,289 B1  
DATED : May 25, 2004  
INVENTOR(S) : Bicakci

Page 1 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page showing illustrative figure should be deleted to be replaced with the attached title page.

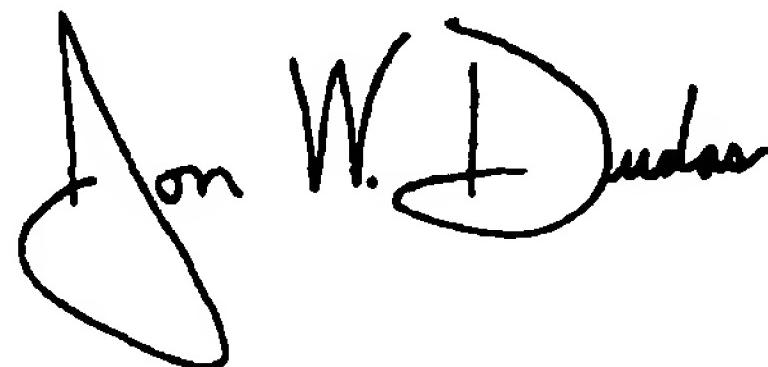
Drawings sheets, consisting of Figs. 1-7, should be deleted to be replaced with the drawings sheets, consisting of Figs. 1-7, as shown on the attached pages.

Title page,

Item [73], Assignee, delete "FAIRCHILD SEMICONDUCTORS, INC." and insert  
-- FAIRCHILD SEMICONDUCTOR, INC. --

Signed and Sealed this

Twenty-eighth Day of September, 2004



JON W. DUDAS  
Director of the United States Patent and Trademark Office

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**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,741,289 B1  
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INVENTOR(S) : Bicakci

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The title page showing the illustrative figure should be deleted to be replaced with the attached title page.

Drawing sheets, consisting of Figs.1-7, should be deleted to be replaced with the drawing sheets, consisting of Figs. 1-7, as shown on the attached pages.

On the title page insert [73],

Delete "FAIRCHILD SEMICONDUCTORS, INC." and insert -FAIRCHILD SEMICONDUCTOR, INC--.

X



US006741289B1

(12) United States Patent  
Bicakci(10) Patent No.: US 6,741,289 B1  
(45) Date of Patent: May 25, 2004

(54) TECHNIQUE TO STABILIZE THE CHROMINANCE SUBCARRIER GENERATION IN A LINE-LOCKED DIGITAL VIDEO SYSTEM

(75) Inventor: Ara Bicakci, San Jose, CA (US)

(73) Assignee: Fairchild Semiconductors, Inc., South Portland, ME (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 631 days.

(21) Appl. No.: 09/703,517

(22) Filed: Oct. 31, 2000

(51) Int. Cl. 7 ..... H04N 9/45

(52) U.S. Cl. 348/505; 348/194; 348/508

(58) Field of Search ..... 348/194, 505, 348/508, 512, 549; 386/41, 13, 17, 19, 20

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\* cited by examiner

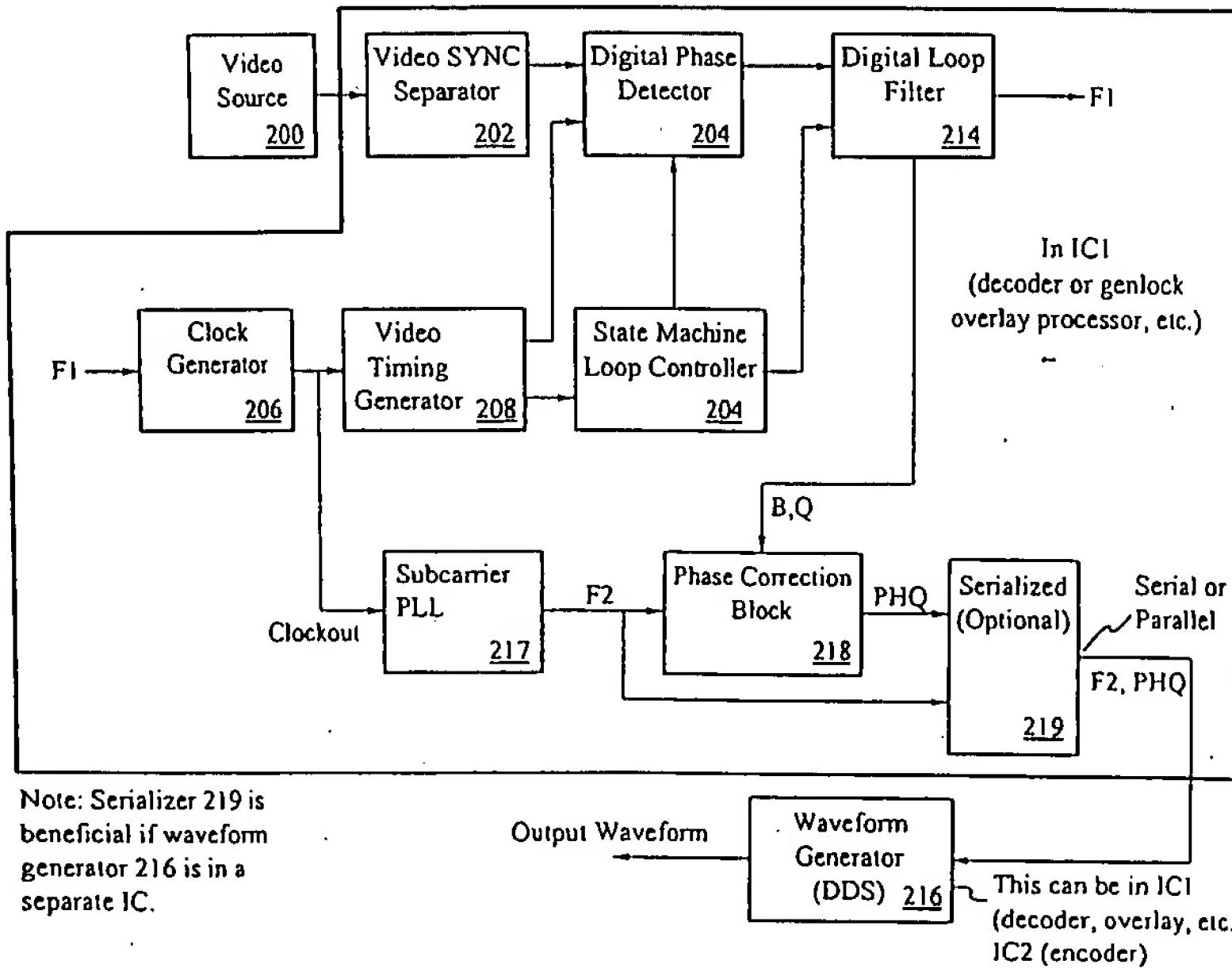
Primary Examiner—Victor R. Kostak

(74) Attorney, Agent, or Firm—Haverstock &amp; Owens LLP

## ABSTRACT

A technique to stabilize subcarrier generation in a line-locked digital video system, caused by simultaneous locking of the genlock device causing continuous changing of a shared clock signal, by calculating a time shift occurring in an output waveform, converting the time shift into an equivalent phase shift and sending a corresponding phase correction number to a waveform generator block to correct the time shift, and thus stabilize subcarrier generation.

45 Claims, 5 Drawing Sheets



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CERTIFICATE OF CORRECTION

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DATED : May 25, 2004

INVENTOR(S) : Ara Bicakci

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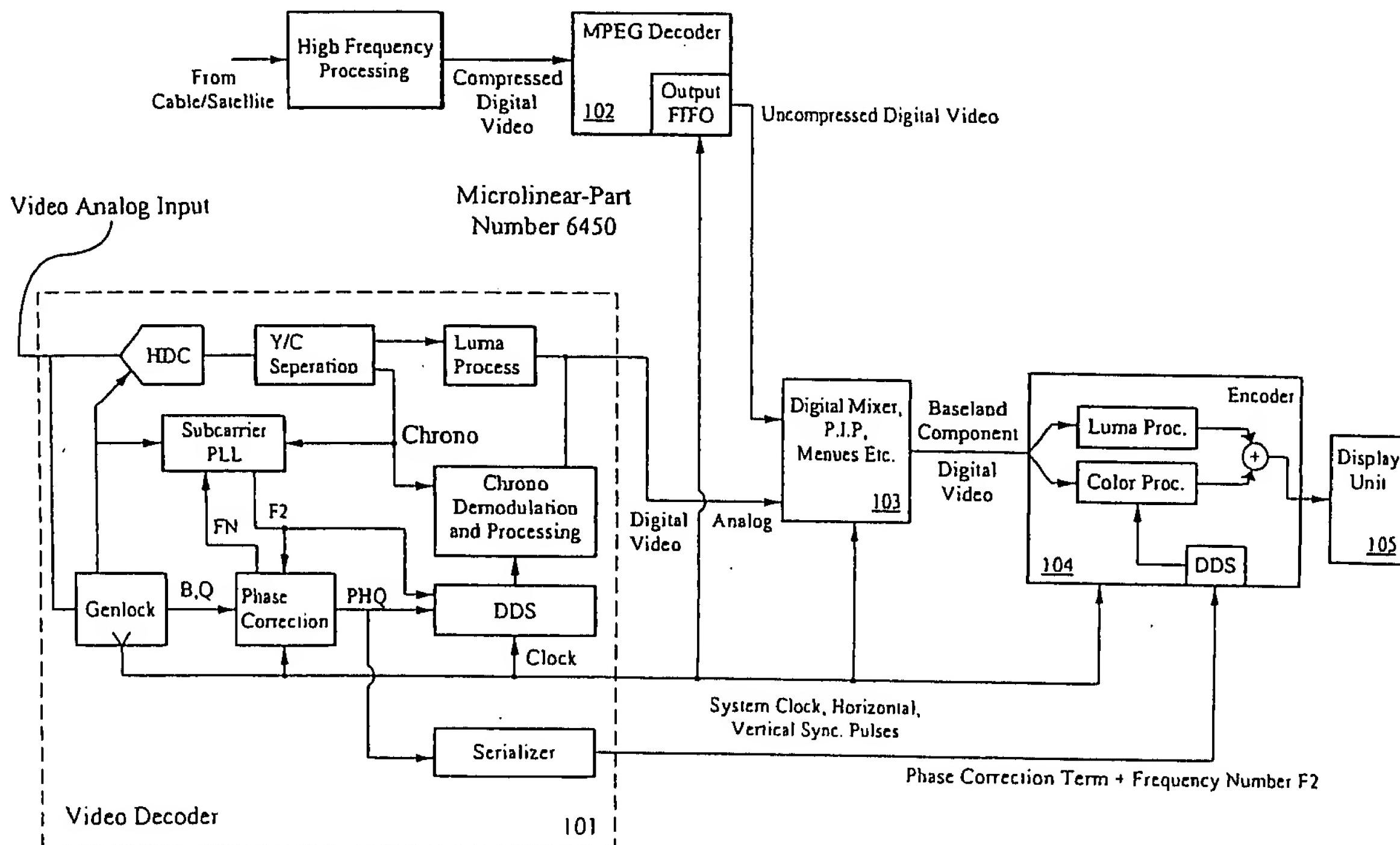


Fig. 1

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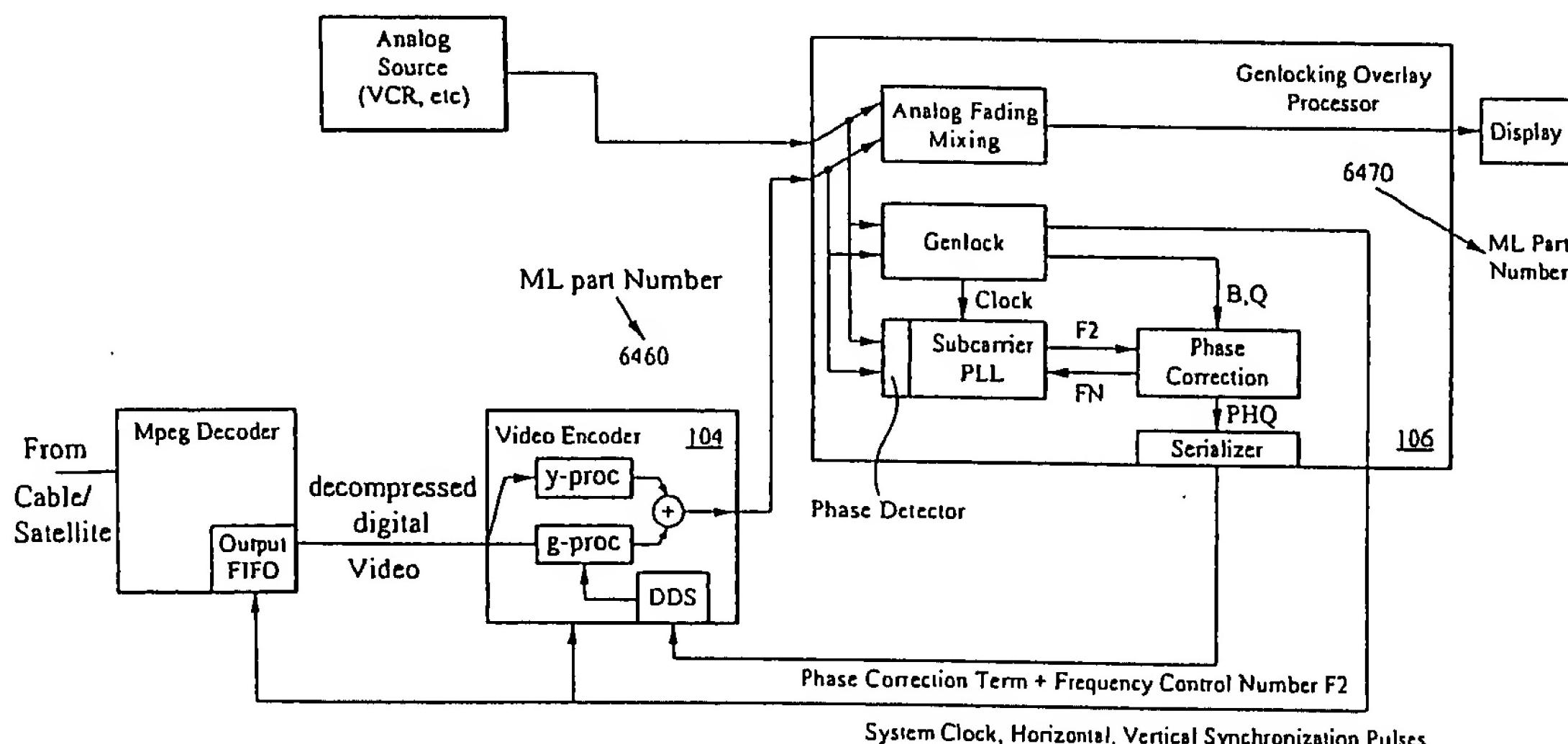


Fig. 1a

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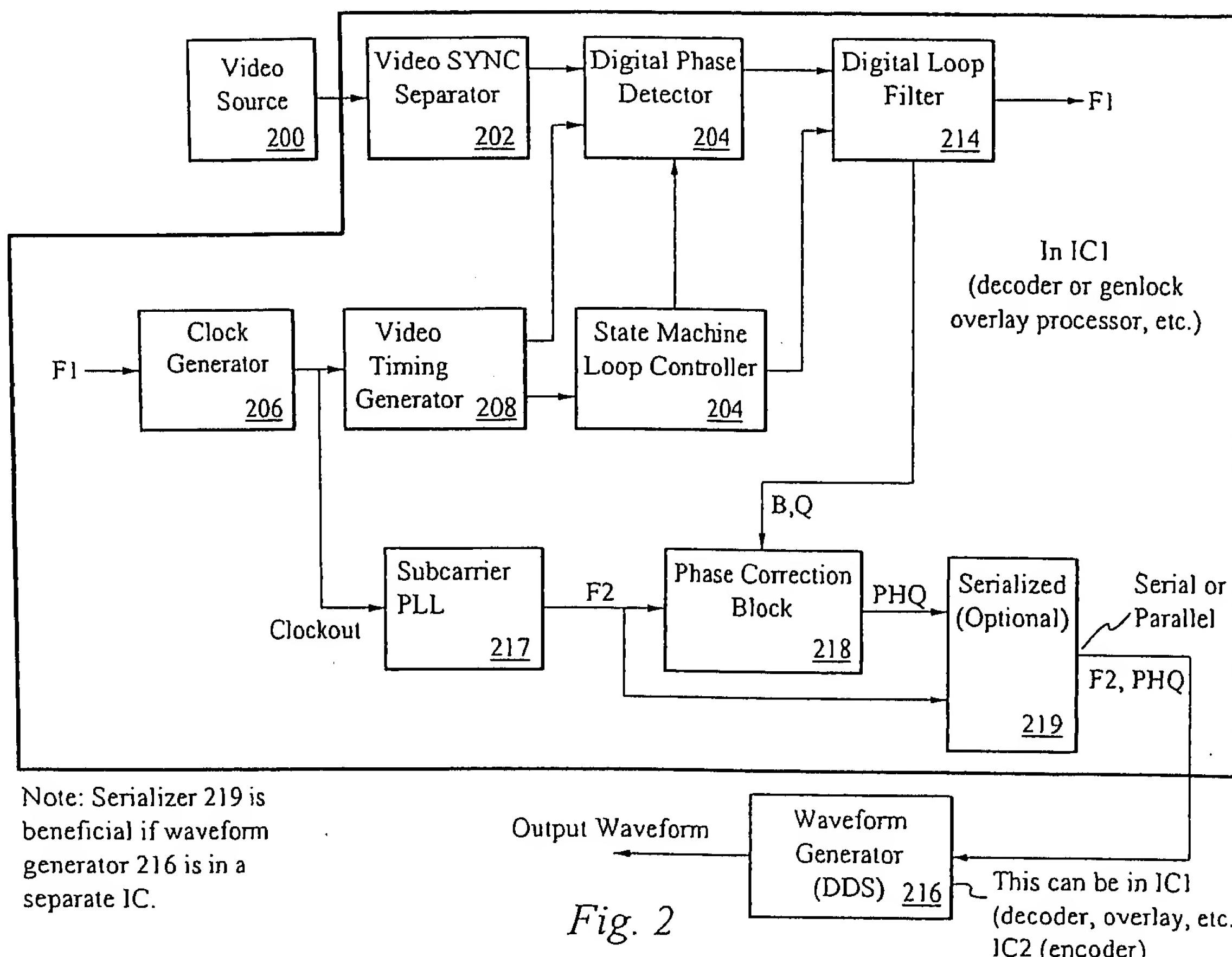
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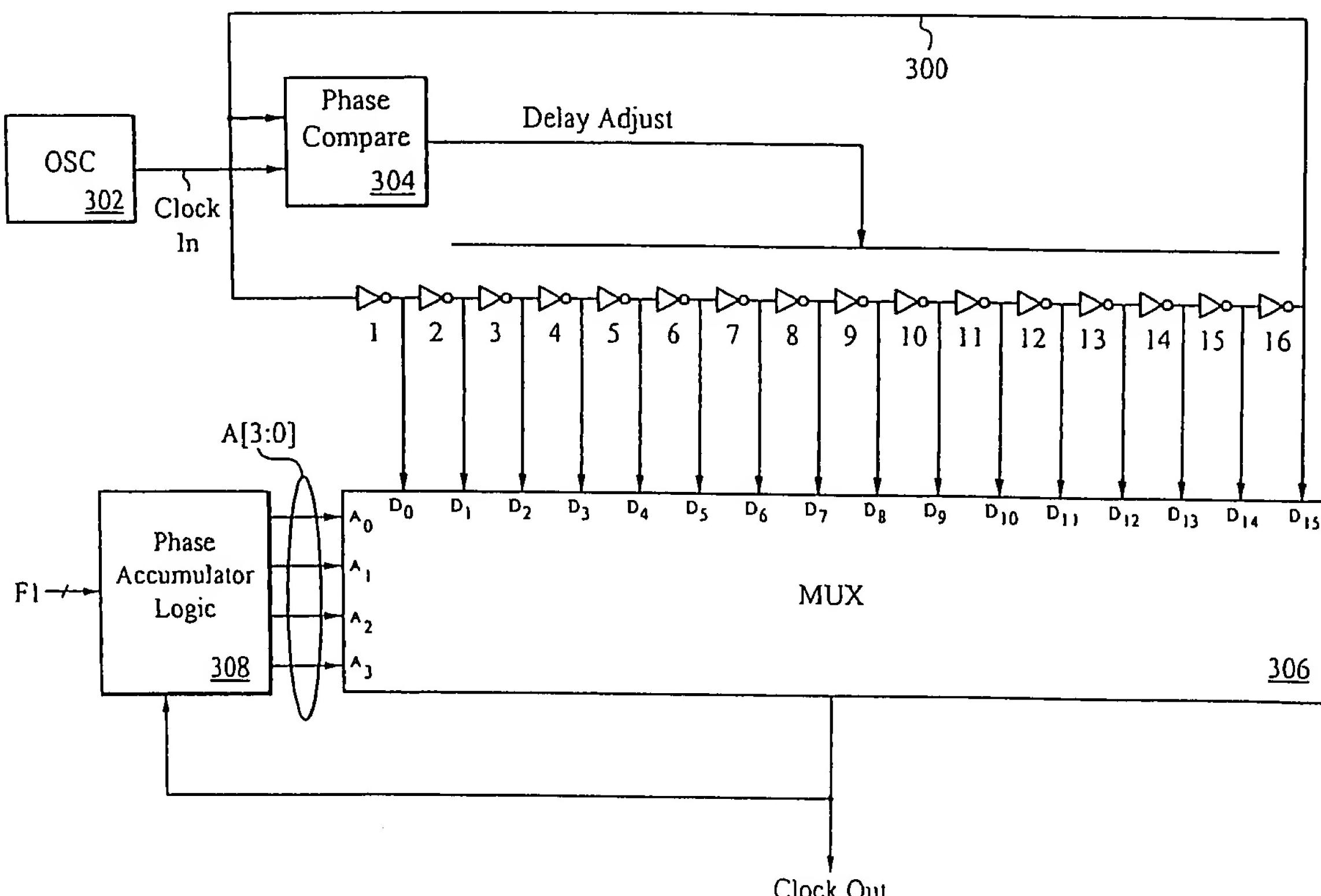
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DATED : May 25, 2004

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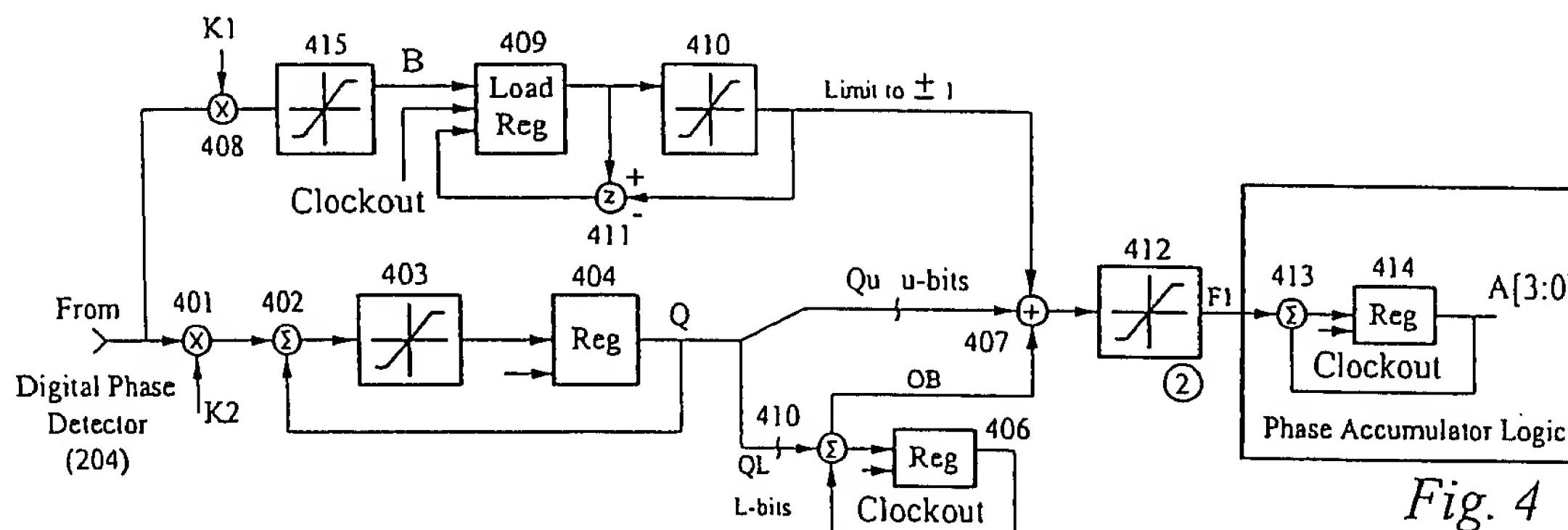


Fig. 4

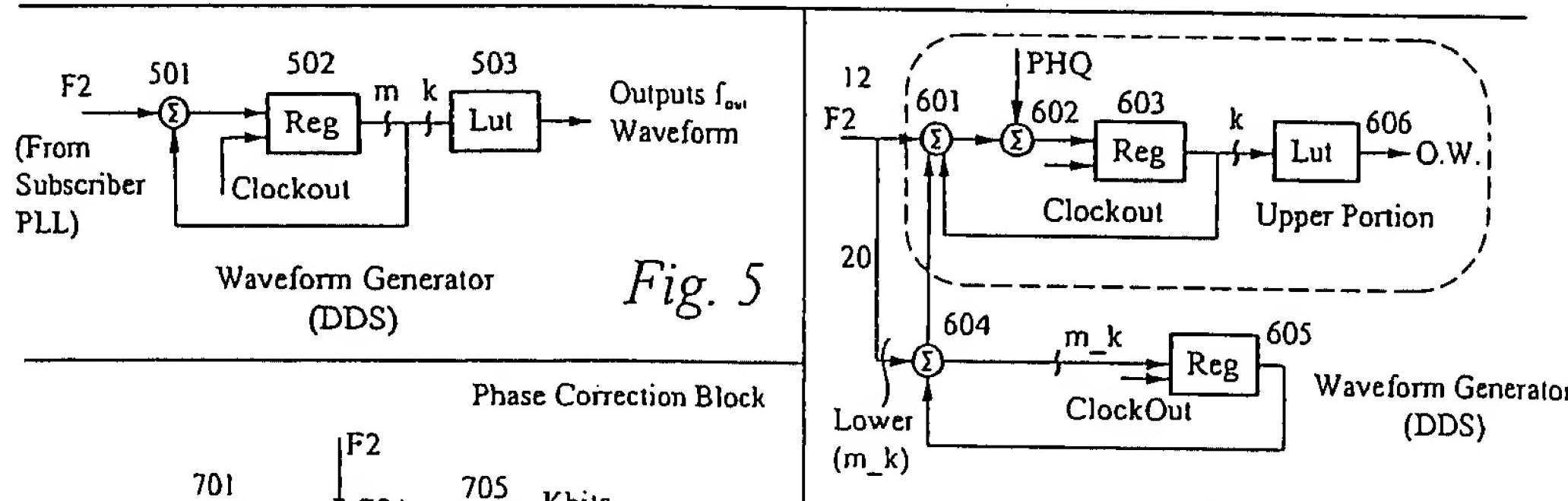


Fig. 5

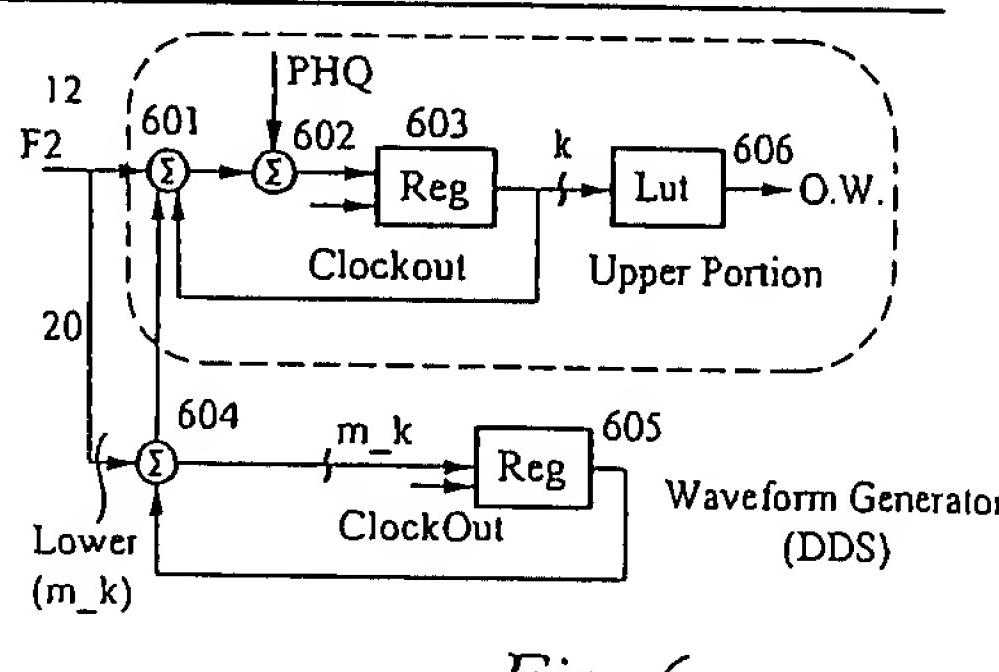


Fig. 6

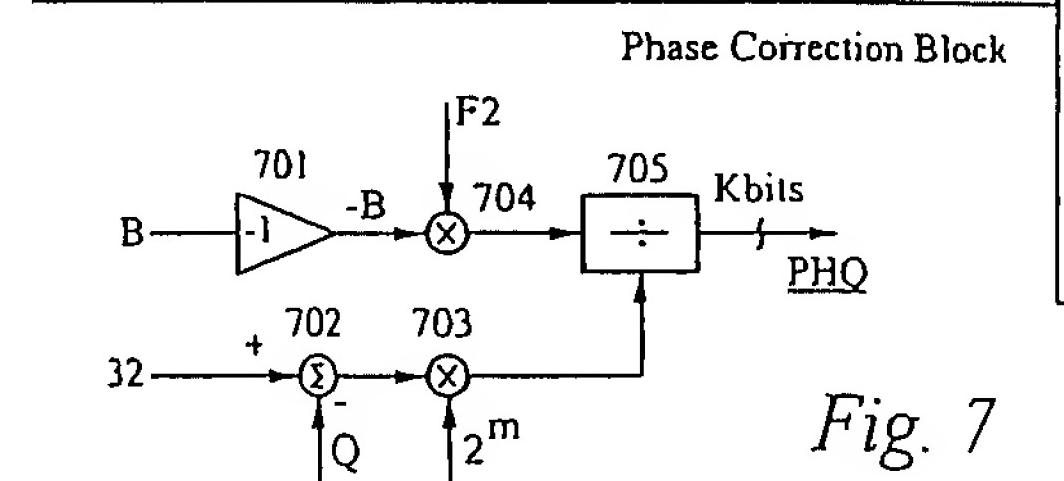


Fig. 7

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PATENT NO.	PATENT DATE 05/25/04
PATENTEE Ara Bicakci	

Paper No.: \_\_\_\_\_

MAILING DATE Certificate JUL 09 2004 of Correction
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**COPY**NOTIFICATION OF RETURN OF PAPERS  
RE REQUEST FOR CERTIFICATE OF CORRECTION

The request for a Certificate of Correction in the above-identified patent is returned herewith, together with the PTOL-1050 (SB/44) forms (if submitted), for the reason(s) checked below.

1. The request is unsigned. The request must be properly signed before it will be considered.
2. The request does not specifically designate the column and line numbers wherein the errors appear in the patent. A substitute request providing this information is required, for proper consideration.
3. The FORM PTOL-1050 (SB/44) submitted with your request is not suitable for printing purposes. See the instructions on the blank Form PTO-1050, enclosed.
4. The Patent No., as shown on papers attach, appears to be incorrect, because:  
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 b. The name of the patentee on the patented file does not agree with that shown on the enclosed papers..
5. The record reveals that there is no power of attorney to you in this case. A written power or authorization from the patentee, or assignee, if any, must be submitted, before the request may be considered.
6. The request cannot be considered, because the paper indicated below was filed on \_\_\_\_\_, AFTER payment of the issue fee: [See 37 CFR 1.313(B)].  
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- B. Enclosed are copies of PTOL-1050 for use in typing the subject matter to be printed on the Certificate. This will avoid delay in handling request (See 862 O.G.2).